



Patent
Attorney's Docket No. 012778-122

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Yoshiyuki YASUI et al.)	Group Art Unit: 3661
Application No.: 10/682,405)	Examiner: Unassigned
Filed: October 10, 2003)	Confirmation No.: 3443
For: ROAD CONDITION ESTIMATION)	
APPARATUS)	

INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ [X] No additional fee for submission of an IDS is required.
- ☐ [] The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ [] A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ [] A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ [] Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ [] A check in the amount of \$_____ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: March 22, 2004

By: Matthew L. Schneider
Matthew L. Schneider
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APPARATUS)	

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.56, the following information is brought to the Examiner's attention.

U.S. Patent No. 6,184,637.

The following seven documents were cited in a Search Report recently issued by the European Patent Office in connection with a corresponding foreign application. A copy of the Search Report is enclosed.

U.S. Patent Application Publication No. 2003-011093.

U.S. Patent Application Publication No. 2001-003810.

European Patent Publication No. 0 716 948.

U.S. Patent No. 6,349,789.

German Patentschrift No. 39 22 528.

European Patent Publication No. 0 470 700.

European Patent Publication No. 0 323 066.

To assist the Examiner in entering the foregoing information into the record,
the above-noted documents are cited on the attached form PTO-1449.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is
enclosed, except that copies of the listed U.S. patents and U.S. patent application
publications are not enclosed since it is no longer required according to the July 11,
2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent
application publications in national patent applications filed after June 30, 2003.

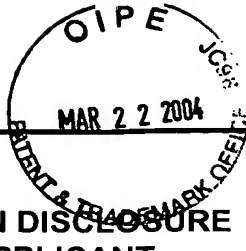
The Examiner is respectfully requested to consider the foregoing information
and to acknowledge such consideration by initialling, signing and returning the
enclosed additional copy of form PTO-1449.

Respectfully submitted,
BURNS, DOANE, SWECKER, & MATHIS, L.L.P.

Date: March 22, 2004

By: Matthew L. Schneider
Matthew L. Schneider
Registration No. 32,814

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(703) 836-6620



Substitute for forms 1449A/PTO & 1449B/PTO

**SECOND INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

ATTORNEY'S DKT NO.

012778-122

APPLICATION NO.

10/682,405

APPLICANT

Yoshiyuki YASUI et al.

FILING DATE

October 10, 2003

GROUP

3661

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	6,184,637	B1	YAMAWAKI et al.	2-06-2001
	2001/003810	A1	SHINMURA et al.	6-14-2001
	2002/011093	A1	MATSUNO	1-31-2002
	6,349,789	B1	NAKANO et al.	2-26-2002

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation Yes No
	0 716 948	A2	EUROPE	6-19-1996	
	39 22 528	C1	GERMANY	7-19-1990	
	0 470 700	A2	EUROPE	2-12-1992	
	0 323 066	A2	EUROPE	7-05-1989	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.